

Title (en)

Fast neutron reactor and method of refueling.

Title (de)

Schneller Reaktor und Verfahren zu seiner Brennstoffergänzung.

Title (fr)

Réacteur à neutrons rapides et procédé pour le ravitaillement de combustible.

Publication

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Application

EP 90104983 A 19900316

Priority

JP 6385089 A 19890317

Abstract (en)

A fast neutron reactor core (1) comprising a bundle of fuel assemblies each containing a fuel made of a fissile material-enriched fertile material. In a transition cycle between an initial charging cycle and an equilibrium cycle of said core, a fuel assembly in a peripheral portion (12) of said core (1) is replaced with a fuel assembly containing a fuel having a greater neutron infinite multiplication factor than the fuel in said equilibrium cycle. Further a method of refueling in such a fast neutron reactor core (1) is disclosed.

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IPC 8 full level

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